

CLAIMS

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A hybrid gene cDNA library in which each vector comprises a DNA molecule with at least one selectable marker sequence; and a sequence encoding a hybrid protein region, wherein the hybrid protein region comprises,
 - a) a regulatable DNA sequence,
 - b) a multiple cloning site that does not encode a translational termination sequence which is placed immediately 3' to the regulatable DNA sequence,
 - c) a DNA sequence encoding at least one common peptide and not containing a translation initiation codon which is placed 3' to the multiple cloning site,and wherein the each vector of the library additionally comprises a single cDNA molecule inserted at the multiple cloning site wherein each of said cDNA molecules is obtained from a cDNA population generated using random primers.
- 2 (Original) The hybrid gene cDNA library of claim 1 wherein each vector additionally comprises one or more origins of replication active in bacteria cells.
3. (Original) The hybrid gene cDNA library of claim 1, wherein each vector additionally comprises one or more origins of replication active in yeast cells.
4. (Original) The hybrid gene cDNA library of claim 1, wherein the hybrid protein region additionally comprises a sequence which encodes a transcriptional termination sequence placed immediately 3' to the DNA sequence encoding at least one common peptide.
5. (Original) The hybrid gene cDNA library of claim 1, wherein the regulatable DNA sequence is the rat Glucocorticoid Response Element.
6. (Original) The hybrid gene cDNA library of claim 1, wherein the regulatable DNA sequence is an Estrogen Response Element.

7. (Original) The hybrid gene cDNA library of claim 1, wherein the common peptide is encoded by a DNA molecule comprising sequences encoding all or portions of the GAL4 yeast transcriptional activator and six successive histidine residues.
8. (Original) The hybrid gene cDNA library of claim 1, wherein the common peptide is encoded by a DNA molecule comprising sequences encoding all or portions of the GAL4 yeast transcriptional activator and a nuclear localization sequence from the SV40 virus.
9. (Original) The hybrid gene cDNA library of claim 1, wherein the common peptide is encoded by a DNA molecule comprising sequences encoding an immunological epitope from adenoviral hemagglutinin.
10. (Original) The hybrid gene cDNA library of claim 1, wherein each of the vectors additionally comprises one or more origins of replication active in yeast cells and one or more origins of replication active in bacterial cells, wherein at least one yeast origin of replication is derived from the natural 2-micron yeast plasmid.
11. (Original) The hybrid gene cDNA library of claim 1, wherein the selectable marker sequences are the bacterial ampicillin resistance gene and the yeast TRP 1 nutritional auxotrophy gene.
12. (Original) The hybrid gene cDNA library of claim 1, wherein the selectable marker sequences are the bacterial kanamycin resistance gene and the yeast URA3 nutritional auxotrophy gene.
13. (Original) The hybrid gene cDNA library of claim 4, wherein the transcriptional termination sequence is derived from the yeast ADH 1 gene.
14. – 22. (Cancelled).